

**Ackerman, Joyce**

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**From:** Patrick Medland <PMedland@Geosyntec.com>  
**Sent:** Thursday, May 31, 2018 9:42 AM  
**To:** Ackerman, Joyce; Sandusky, Eric; Stovall - CDPHE, Curtis  
**Subject:** RE: Frac Tank 3 Data

Joyce,

I left a voice mail but want to follow up with an email if this is easier. I finally received costs/approvals from area facilities that will accept this waste. The disposal cost at Deer Trail is just about 3 times more expensive than Twin Enviro down in Penrose. <https://www.twinenviro.com/>

Is this a waste facility that EPA will approve for disposal of the Frac Tank 3 contents?

Thanks,  
Patrick

Patrick Medland  
Scientist

Geosyntec Consultants  
5670 Greenwood Plaza Blvd Ste 540  
Greenwood Village, CO 80111

Office: 303-790-1340  
Direct: 720-509-8907

**From:** Ackerman, Joyce <Ackerman.Joyce@epa.gov>  
**Sent:** Tuesday, May 29, 2018 11:15 AM  
**To:** Patrick Medland <PMedland@Geosyntec.com>; Sandusky, Eric <Eric.Sandusky@WestonSolutions.com>; Stovall - CDPHE, Curtis <curtis.stovall@state.co.us>  
**Subject:** RE: Frac Tank 3 Data

Hi Patrick – I think the concentrations are too high for beneficial use. EPA requires that this waste be disposed off-site.

Thank you for all your efforts on this site!

Joyce

Joyce Ackerman  
On-Scene Coordinator and START P.O.  
U.S. EPA Region 8  
1595 Wynkoop Street  
Denver, CO 80202  
(303) 312-6822

From: Patrick Medland [<mailto:PMedland@Geosyntec.com>]

Sent: Thursday, May 24, 2018 3:07 PM

To: Ackerman, Joyce <[Ackerman.Joyce@epa.gov](mailto:Ackerman.Joyce@epa.gov)>; Sandusky, Eric <[Eric.Sandusky@WestonSolutions.com](mailto:Eric.Sandusky@WestonSolutions.com)>; Stovall - CDPHE, Curtis <[curtis.stovall@state.co.us](mailto:curtis.stovall@state.co.us)>

Subject: Frac Tank 3 Data

Good afternoon,

Please see the attached analytical from the liquid contained in the 3<sup>rd</sup> frac tank. Please let me know EPA and CDPHE's position on disposal (i.e. if this needs to go offsite or can be used onsite for beneficial use).

Thanks,  
Patrick

Patrick Medland  
Scientist

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